

# ACTA GEOLOGICA

(REM CRYSTALLOGRAPHICAM, MINERALOGICAM, PETROGRAPHICAM,  
GEOCHIMICAM, GEOPHYSICAM PALAEOONTOLOGICAMQUE INCLUDENTIA)

ACADEMIAE SCIENTIARUM  
HUNGARICAE

REDIGIT

E. SZÁDECZKY-KARDOSS

TOMUS IX



AKADÉMIAI KIADÓ, BUDAPEST  
1965



## INDEX

*Fasc. 1—2.*

### GEOLOGIA

SZÁDECZKY-KARDOSS, E.: The Physical Methods Applied in Pleistocene Research in Hungary .....	1
KRETZOI, M.—PÉCSI, M.: Nature and Aspects of the Quaternary in Hungary .....	11
RÓNAI, A.: Some Observations Concerning the Quaternary Sedimentation in Hungary .....	17
MIHÁLTZ, I. (edited by MUCSI, M.): Geology of the Near-Surface Layers of the Great Plains of Southern Hungary .....	33
MOLDVAY, L.: The Manifestations of Quaternary Tectogenesis in the Mountains of Hungary .....	49
MOLNÁR, B.: Lithologic and Geologic Study of the Quaternary Deposits of the Great Hungarian Plain (Alföld) .....	57

### GEOMORPHOLOGIA

PÉCSI, M.: Genetic Classification of the Deposits Constituting the Loess Profiles of Hungary .....	65
BORSY, Z.: The Wind-blown Sand Regions of Hungary .....	85
SZILÁRD, J.: Periglacial Derasion and Quaternary Valley Sculpture in Hungary .....	95
SZÉKELY, A.: Pleistocene Periglacial Landscape Sculpture in the Northeastern Hungarian Mountains .....	107

### STRATIGRAPHIA

KRETZOI, M.—VÉRTES, L.: The Role of Vertebrate Faunae and Palaeolithic Industries of Hungary in Quaternary Stratigraphy and Chronology .....	125
JÁNOSSY, D.: Vertebrate Microstratigraphy of the Pleistocene in Hungary .....	145
KROLOPP, E.: Mollusc Fauna of the Sedimentary Formations of the Quaternary Period, Hungary .....	153

*Fasc. 3—4.*

### MINERALOGIA, PETROGRAPHIA

GIUSCĂ, D.—SZÁDECZKY-KARDOSS, E.: Quantitative Klassifizierung der subalkalischen Orthomagmatiten .....	161
IWANOW, R.: Zur Klassifikation der Granitoide und Gabbroide auf einheitlicher mineralogischer und chemischer Grundlage .....	177
KUBOVICS, I.: The Role of Potassium Metasomatism on Volcanic Rock Genesis in the Western Mátra Mountains .....	193
PANTÓ, G.: Faziesverhältnisse im ungarischen miozänen Andesitvulkanismus und ihr Beitrag zur vulkanotektonischen Rekonstruktion .....	215
PANTÓ, G.: Miozäne Tuffhorizonte Ungarns .....	225
PÉCSI-DONÁTH, É.: On the Individual Properties of some Hungarian Zeolites .....	235
SZÉKY-FUX, V.: Vertical Zoning of Clay Minerals Accompanying a Hydrothermal Mineralization .....	259



SZŐKE, A.: Pétrographie du massif subvolcanique de Toroiaga (Carpates Orientales R. S. Roumaine) .....	271
VIDACS, A.: Die Rolle des helvetisch-tortonischen Dazituffhorizonts im neovulkanischen, innerkarpatischen Bereich .....	293
HORUSITZKY, F.: Die Chronologie der tertiären Pyroklastite Ungarns .....	297

#### GEOCHIMIA

Л. Н. ОВЧИННИКОВ—М. В. ПАНОВА—Ф. Л. ШАНГАРЕЕВ: Абсолютный возраст некоторых геологических образований Венгрии .....	305
SZÁDECZKY-KARDOSS, E.—GRASSELLY, GY.: On the Present Stage of Development of the Potential Concept in Geochemistry .....	313
GRASSELLY, GY.: Confrontation of Complex Anionic Potentials and Compound Potentials with Thermochemical Data .....	329

#### GEOLOGIA

ERDÉLYI, M.: Geological Studies in the Halimba Basin .....	339
SOMOS, L.: A Geological Description of the Upper Triassic and of the Coal Bearing Lower Liassic Complex of the Mecsek Mountains .....	363
SZATMÁRI, P.: Contribution to the Knowledge of the Origin of Upper Pannonian Quartz Sand in Hungary .....	375

#### STRATIGRAPHIA

BENKŐ-CZABALAY, L.: Situation paléogéographique de la faune de Mollusques du Sénonien de la Hongrie .....	391
КОПЕК, Г.—КЕКСКЕМÉТИ, Т.—ДУДИЧ, Е. jr.: Stratigraphische Probleme des Eozäns im Transdanubischen Mittelgebirge Ungarns .....	411

#### HYDROLOGIA

BÉLTEKY, L.: The Problems of Depth Water Reserve Economy in Hungary .....	427
RÓNAI, A.: Subsurface Waters in Deep Quaternary Basins .....	433
SCHMIDT, E. R.: Hydrogeological Conditions in Hungary .....	443